

<b>Task:</b>						O2.2.58 Conduct a Ramp Inspection of a 14 CFR Part 129 Foreign-Registered Aircraft for Operations								
<b>Function:</b>						2.0 Surveillance/Inspection								
<b>Duty:</b>						2.2 Aircraft Surveillance								
<b>Previous Task Analysis:</b>  1985 Allen Corp Task # 1.1.9						<b>Difficulty:</b>		2		<b>Criticality:</b>		Y		
						<b>Importance:</b>		5		<b>Time:</b>				
						<b>Frequency:</b>		2		<b>Job Aid:</b>		Y		
<b>PTRS Tracking</b>						<b>Specialty</b>								
1622						S	O	M	E	F	A	C	T	

### **Legal References:**

49 U.S.C. § 40105                      International Negotiations, Agreements, and Obligations  
49 U.S.C. § 40113                      Administrative  
49 U.S.C. § 44713                      Inspection and Maintenance

### **Purpose:**

To assure foreign carriers are meeting the International Civil Aviation Organization (ICAO) standards when operating within the United States.

### **Significant Interfaces:**

Airman  
Operator  
Certificate Holder  
International Field Office (IFO)/International Field Unit (IFU) with Operations Specifications responsibility  
Flight Standards District Office (FSDO)  
Regional Flight Standards Division (RFSD)  
IFO  
Flight Standards Service, AFS-1  
International Programs and Policy Division, AFS-50  
Air Transportation Division, AFS-200  
Assistant Chief Counsel International Regulations Division, AGC-7  
Assistant Chief Counsel, Regulations Division, AGC-200  
Regional Legal Counsel  
ICAO

### **Procedural Guidance (current editions):**

14 CFR Part 39                      Airworthiness Directives  
14 CFR Part 43                      Maintenance, Preventive Maintenance, Rebuilding, and Alteration  
14 CFR Part 61                      Certification: Pilots, Flight Instructors, and Ground Instructors  
14 CFR Part 63                      Certification: Flight Crewmembers other than Pilots  
14 CFR Part 65                      Certification: Airmen other than Flight Crewmembers  
14 CFR Part 91                      General Operating and Flight Rules  
14 CFR Part 129                      Operations: Foreign Air Carriers and Foreign Operators of U.S.-Registered Aircraft Engaged in Common Carriage  
Order 1380.51                      Program Tracking and Reporting Subsystem

Steps, Sub-Steps & Knowledges	Recommended Training
Order 2150.3 Order 8900.1 AC 129-4 Annexes to the Convention on International Civil Aviation	Compliance and Enforcement Program Flight Standards Information Management System (FSIMS) Maintenance Programs for U.S. Registered Aircraft under 14 CFR Part 129 Annex 1—Personnel Licensing Chapter 1, 1.2.9, Annex 1, Appendix 1—requirements for Proficiency In Language Used for Radiotelephony Communications, Annex 1, Attachment A, Language Proficiency Rating Scale Annex 6—Operation of Aircraft Annex 7—Aircraft Nationality and Registration Marks Annex 8—Airworthiness of Aircraft

**NOTE: Ensure you are using the most current information. The Flight Standards Information Management System (FSIMS) may be used to obtain current guidance.**

**NOTE: The best reference for 14 CFR Part 129 Ramp Inspections is Order 8900.1, Volume 12, Chapter 3, Section 3.**

**NOTE: Inspectors must complete the online training course 27100142 - How to conduct a 14 CFR Part 129 Ramp Inspection.**

1. Initiate ramp inspection of foreign-registered aircraft
  - K: Order 8900.1, Volume 12, Chapter 3, Section 3
- 1.1 Open Program Tracking and Reporting Subsystem (PTRS) record
  - K: Order 1380.51
2. Prepare for inspection
  - 2.1 Obtain copy of Air Carrier Ramp Inspections Job Aid
    - K: Order 8900.1, Volume 12, Chapter 3, Section 3, Figure 6-17, 6-18, and 6-19
3. Make an official, but courteous, introduction to the flightcrew/station manager; state purpose of inspection
  - K: Order 8900.1, Volume 12, Chapter 3, Section 3
  - 3.1 Request to see airman and medical certificates; (if the flight crew is available) review certificates (type rating appropriate for aircraft and English Language Level Endorsement according to ICAO, Annex 1, Appendix A), restrictions, if any (glasses, etc.); ensure they meet duty position and are applicable to aircraft being operated
4. Inspect aircraft documents
  - 4.1 Inspect aircraft airworthiness certificate
    - K: 14 CFR § 129.13
    - K: Order 8900.1, Volume 12, Chapter 3, Section 3
    - K. ICAO Article 29 (b), 31

Steps, Sub-Steps & Knowledges		Recommended Training
	K: ICAO, Annex 6, Part 1, 3.1.3.2	
4.2	Inspect aircraft radio license K: Order 8900.1, Volume 12, Chapter 3, Section 3 K. ICAO Article 29 (e), 30 (b)	
4.3	Inspect aircraft registration certificate K: 14 CFR § 129.13 K: Order 8900.1, Volume 12, Chapter 3, Section 3 K. ICAO Article 29 (a)	
4.4	Inspect approved maintenance program, if “N” registered K: 14 CFR § 129.14 K: Order 8900.1, Volume 12, Chapter 3, Section 3	
4.5	Inspect letter of authorization (LOA) for use of minimum equipment list (MEL), if “N” registered K: 14 CFR § 129.14 K: Order 8900.1, Volume 12, Chapter 3, Section 3	
4.6	Inspect air operator certificate (AOC) “certified true copy” K: ICAO Annex 6, Part 1, 6.1.2.	
4.7	Inspect operations specifications (Op Specs) K: 14 CFR 129.11	
4.8	Inspect Aircraft Flight Manual (AFM) and Quick Reference Checklist (QRC) K: ICAO, Annex 6, Part 1, 6.1.3	
4.9	Inspect required navigation/communication equipment K: 14 CFR 129.17 K: ICAO, Annex 6, Part 1, 6.9 and 6.10	
4.10	Inspect cockpit emergency/safety equipment (oxygen masks, life vest, goggles, fire extinguisher, crash axe, etc.) K: ICAO, Annex 6, Part 1	
5.	Inspect aircraft’s interior K: Order 8900.1, Volume 12, Chapter 3, Section 3, Figure 6-18	
6.	Inspect aircraft’s exterior, Figure 6-19 K: 14 CFR § 129.32 K: ICAO, Article 17 K: ICAO, Article 20 K: ICAO, Annex 7 K: Order 8900.1, Volume 12, Chapter 3, Section 3	
7.	Inspect servicing and the maintenance area if “N” registered K: Order 8900.1, Volume 12, Chapter 3, Section 3	
8.	Analyze results of inspection	

Steps, Sub-Steps & Knowledges	Recommended Training
K: Order 8900.1, Volume 12, Chapter 3, Section 3	
9. Debrief operator; diplomatically explain each discrepancy. K: Order 8900.1, Volume 12, Chapter 3, Section 3	
10. If air carrier representative disagrees with inspection findings, prepare a written report of findings; address to IFO/IFU with OpSpecs responsibility K: Order 8900.1, Volume 2, Chapter 5, Section 3	
10.1 IFO/IFU with OpSpecs responsibility will mail a report to state civil aviation authority and distribute copies to AFS-1and AGC-200 K: Order 8900.1, Volume 2, Chapter 5, Section 3	
11. If serious uncorrected safety deficiencies exist, immediately advise foreign air carrier principal inspector, who must advise foreign air carrier and/or state civil aviation authority K: Order 8900.1, Volume 12, Chapter 3, Section 3	
11.1 If foreign air carrier CEO or state civil aviation authority fails to take corrective actions, initiate swift enforcement action K: Order 8900.1, Volume 12 Chapter 3, Section 3	
12. Document task K: Order 8900.1, Volume 12, Chapter 3, Section 3	
12.1 Close PTRS record K: Order 1380.51 K: Order 8900.1, Volume 12, Chapter 3, Section 3	
13. Licensing of crew  Annex 1, Part 1, Chapter 1 1.2.1 Authority to Act as Pilot in Command (PIC) 1.2.4 Medical Fitness 1.2.5.2 Medical Assessment for License/certificate a. Airline transport pilot (ATP) – 12 months b. Commercial – 12 months c. Multicrew Pilot – 12 months 1.2.5.2.2 ATP 40 or Older – 6 months 1.2.5.2.3 ATP 60 or Older 6 months, Multicrew License only – 60 or Older - 6 months  1.2.7 Use of psychoactive substances 1.2.7.1 Flying under the influence  1.2.9 Language proficiency (For additional details on English language, see Annex 1, Attachment A for descriptive and definition and AFS-50 Web site for English Language State Plan Evaluation Matrix:	

Steps, Sub-Steps & Knowledges	Recommended Training
<p>“https://employees.faa.gov/org/linebusiness/avs/offices/afs/divisions/hq_region/afs50”)</p>	
<p>14. Compliance with laws, regulations, and procedures</p> <p>Annex 6, Part 1, Chapter 3</p> <p>3.1.1 Compliance with the laws and regulations of the state of flight operations.</p> <p>3.1.2 Flightcrew must be familiar with laws, regulations, and procedures.</p> <p>3.1.7 Crew must have all essential information for search and rescue over route.</p> <p>3.1.8 Operator responsibility to assure English language proficiency.</p>	
<p>15. Operational certification and supervision</p> <p>Annex 6, Part 1, Chapter 4</p> <p>4.2.1 AOC</p> <p>4.2.1.1 Crew shall have a valid AOC</p> <p>4.2.1.5 AOC shall contain:</p> <p>a. The State of Operator</p> <p>b. AOC number and expiration date</p> <p>c. Operator name, doing business as (DBA), address of principal place of business</p> <p>d. Date issued and name, signature, and title of authority representative</p> <p>e. Location of contact details for operational management</p> <p>4.2.2 Surveillance of operations by a foreign operator</p> <p>4.2.2.3 Operator shall provide and maintain the requirements established By the state in which operations are conducted</p> <p>4.2.3 Operations manual</p> <p>4.2.3.1 Operator shall provide an operations manual in accordance with Appendix 2 of this Annex.</p> <p>4.2.11 Crew</p> <p>4.2.11.1 Fatigue management shall be included in the operations manual.</p> <p>4.3.4 Alternate airports listed on flight plan</p> <p>4.3.4.1 Takeoff alternate(s) listed if needed</p> <p>4.3.4.2 Extended Operations (ETOPS) alternate</p> <p>4.3.4.3 Destination alternate</p> <p>4.3.6 Fuel and oil supply</p> <p>4.3.6.1 Sufficient fuel and oil</p> <p>4.3.6.3 Turbine-Powered aircraft with alternate:</p> <p>a. Flight plan, approach, missed approach, flight to alternate, 30 minutes at “holding speed”, and anticipated weather or air traffic control (ATC) delays.</p>	

Steps, Sub-Steps & Knowledges	Recommended Training
<p>4.3.7 Refueling with passengers on board</p> <p>4.3.7.1 Properly attended by qualified personnel trained in emergency evacuation</p> <p>4.3.7.2 Two-way radio is established between ground crew supervising the refueling and the qualified personnel on board.</p> <p>4.3.8 Oxygen supply</p> <p>4.3.8.2 Must depart with sufficient oxygen for crew and passengers for planned flight.</p> <p>4.5 Duties of PIC</p> <p>4.5.5 PIC shall be responsible for the journey logbook</p>	
<p>16. Aeroplane performance operating limitations</p> <p>Annex 6, Part 1, Chapter 5</p> <p>5.2 Applicable to large aircraft</p> <p>5.2.3 Aeroplane shall be operated in compliance with its airworthiness certificate and within approved operating limitations contained in its flight manual.</p> <p>5.2.5/5.2.6 No flight may begin unless takeoff performance and limitations are met</p> <p>5.2.7 Mass limitations—the mass and balance must have been proved within limitations for:</p> <ul style="list-style-type: none"> <li>a. Start of takeoff</li> <li>b. Not exceed maximum takeoff mass</li> <li>c. Not exceed maximum landing mass</li> <li>d. Not exceed relevant maximum mass applicable to noise certification standards in Annex 16, Volume 1.</li> </ul>	
<p>17. Aeroplane instruments, equipment, and flight documents</p> <p>Annex 6, Part 1, Chapter 6</p> <p>6.1 General</p> <p>6.1.2 The aeroplane shall carry a certified true copy of the AOC</p> <p><b>NOTE: If the State of Operator's language is not English, an English translation must be included.</b></p> <p>6.1.3 MEL shall be included in the operations manual</p> <p>6.1.4 AOM shall be provided for each aircraft with normal, abnormal, and emergency procedures</p> <p>6.2 All aeroplanes on all flights</p>	

Steps, Sub-Steps & Knowledges	Recommended Training
<p>6.2.2 Aeroplane shall be equipped with:</p> <ul style="list-style-type: none"> <li>a. Adequate medical supplies <ul style="list-style-type: none"> <li>1. One or more first aid kits</li> <li>2. Passenger seating of 250 or more one universal precaution kit</li> <li>3. Passenger seating of 100 or more with flights two hours or longer a doctor's medical kit</li> </ul> </li> <li>b. Portable fire extinguishers located: <ul style="list-style-type: none"> <li>1. Cockpit</li> <li>2. Each passenger compartment separated from the flightcrew</li> </ul> </li> <li>c. A seat for each passenger with: <ul style="list-style-type: none"> <li>1. Seat belt for each seat</li> <li>2. Safety harness for each flight crew seat</li> </ul> </li> <li>d. Passenger briefing card (or other means accepted by the State of Operator) that instructs the passengers to: <ul style="list-style-type: none"> <li>1. When to fasten seat belts</li> <li>2. When and how to use oxygen</li> <li>3. Smoking restrictions</li> <li>4. Location and use of floatation devices, and</li> <li>5. Location and method for opening emergency exits</li> </ul> </li> </ul>	
<p>6.3 Flight data recorders and aircraft data recording systems When listed as part of the aeroplane certification, these must be operational.</p>	
<p>6.5 All aeroplanes over water</p> <ul style="list-style-type: none"> <li>6.5.2 Land aeroplanes <ul style="list-style-type: none"> <li>6.5.2.2 One floatation device for each person on board</li> </ul> </li> <li>6.5.3 All aeroplanes on long-range over-water flights <ul style="list-style-type: none"> <li>6.5.3.1 The following shall be installed: <ul style="list-style-type: none"> <li>1. Life rafts</li> <li>2. Pyrotechnic distress signals described in Annex 2</li> </ul> </li> <li>6.5.3.2 Life jacket with electric illumination device</li> </ul> </li> </ul>	
<p>6.7 All aeroplanes on high altitude flights</p> <p>Quick donning masks for flightcrew, passenger drop-down masks, and portable bottles for flight and cabin crew.</p>	
<p>6.8 All aeroplanes in icing conditions</p> <p>Suitable de-icing and/or anti-icing devices</p>	
<p>6.9 All aeroplanes operated in accordance to instrument flight rules (IFR)</p> <ul style="list-style-type: none"> <li>6.9.2 Aeroplanes over 12,500 pounds shall have emergency power supply for electrically-operated attitude indicating equipment</li> </ul>	
<p>6.15 Aeroplanes required to be equipped with Ground Proximity Warning Systems (GPWS)</p>	

Steps, Sub-Steps & Knowledges	Recommended Training
<p>6.15.2 All turbine aeroplanes in excess of 15,000 kg (33,000 pounds) or 30 or more passengers shall be equipped with a forward looking terrain avoidance GPWS</p>	
<p>6.16 Cabin crew seats</p> <p>Aeroplane shall be equipped with forward or rearward cabin crew seats fitted with safety harness.</p>	
<p>6.18 Aeroplanes required to be equipped with an Airborne Collision Avoidance System (ACAS )</p>	
<p>6.19 Requirements for pressure-altitude reporting transponders</p> <p>6.19.1 All aeroplanes shall be equipped in accordance with Annex 10, Volume IV</p>	
<p>18. Communication equipment</p>	
<p>Annex 6, Part 1, Chapter 7</p>	
<p>7.1 Communication equipment</p> <p>7.1.1 An aeroplane shall be provided with radio equipment capable of:</p> <ol style="list-style-type: none"> <li>1. Two-way radios</li> <li>2. Ability to receive meteorological information any time during flight</li> <li>3. Conduct two-way radio communication any time during flight</li> </ol>	
<p>7.2 Navigation equipment</p>	
<p>7.2.1 Aeroplane will have equipment able for it to proceed:</p> <ol style="list-style-type: none"> <li>1. Fly its flight plan</li> <li>2. Fly requests of ATC</li> </ol>	
<p>7.2.3 For flights in minimum navigation performance specification (MNPS):</p> <ol style="list-style-type: none"> <li>1. Displays adherence or deviation from track to the degree of accuracy required; and</li> <li>2. Has been authorized by the State of Operator</li> </ol>	
<p>7.2.4 For flights in Reduced Vertical Separation Minimum (RVSM):</p> <ol style="list-style-type: none"> <li>1. Shall have equipment capable of: <ol style="list-style-type: none"> <li>a. Indicating flight level</li> <li>b. Automatically maintaining selected flight level</li> <li>c. Provide an alert when deviation not exceeding 90 m/300 feet; and</li> <li>d. Shall demonstrate a vertical navigation performance in accordance with Annex 4</li> </ol> </li> </ol>	



Steps, Sub-Steps & Knowledges	Recommended Training
<p>19. Recent experience</p> <p>Annex 6, Part 1, Chapter 9</p> <p>9.4.2 Cruise pilot</p> <p>9.4.2.1 No pilot may act as a cruise pilot unless within the last 90 days:</p> <ol style="list-style-type: none"> <li>1. Acted as PIC on same type</li> <li>2. Has had recurrent/currency training in normal, abnormal, and emergency procedures</li> </ol> <p>9.4.3 PIC area, route, and aerodrome qualifications</p> <p>9.4.3.2 A pilot can not act as PIC unless he has demonstrated knowledge of:</p> <ol style="list-style-type: none"> <li>1. Route and aerodrome to be used</li> <li>2. Flight path over populated areas and areas of high traffic density, obstructions, physical layout, lights, approach aids and arrival, departure, holding, and instrument procedures with applicable operating minima</li> </ol> <p>9.4.3.3 PIC shall have made an actual approach into each aerodrome of landing on route with a qualified pilot</p> <p>9.5 Flightcrew equipment</p> <p>Flightcrew must have spare set of correcting lenses, if applicable.</p> <p>9.6 Flight, duty, and rest periods for fatigue management</p> <p>The State of Operator shall establish regulations specifying the limitations applicable for flight, duty, and rest periods.</p>	
<p>20. Flight manual</p> <p>Annex 6, Part 1, Chapter 11</p> <p>11.1 Flight manual</p> <p>Operators shall maintain and implement changes made mandatory by the State of Operator.</p> <p>11.4 Journey logbook</p> <p>11.4.1 Recommendations - journey logbook must be on board and should have:</p> <ol style="list-style-type: none"> <li>1. Nationality and registration</li> <li>2. Date</li> <li>3. Names of crew</li> <li>4. Duty assignment</li> <li>5. Place of departure</li> <li>6. Place of arrival</li> <li>7. Time of departure</li> </ol>	

Steps, Sub-Steps & Knowledges	Recommended Training
<ul style="list-style-type: none"> <li>8. Time of arrival</li> <li>9. Hours of flight</li> <li>10. Nature of flight (scheduled, nonscheduled, private)</li> <li>11. Incidents, observations, if any</li> <li>12. Signature of person in charge</li> </ul>	
<p>21. Security</p> <p>Annex 6, Part 1, Chapter 13</p> <p>13.2 Security of flightcrew compartment</p> <p>13.2.1 Crew compartment door shall be capable of being locked and a plan shall be provided for discreet notification to flight crew of suspicious activity or security breaches in the cabin.</p> <p>13.2.2. Flightcrew door capable of resisting penetration of small arms fire, grenade shrapnel, and intrusion by unauthorized persons. Door must be able to be locked and unlocked from either crew's station.</p>	
<p>22. Appendix 2</p> <p>Annex 6, Part 1, Annex 2</p> <p>Organization and contents of an operations manual</p> <ul style="list-style-type: none"> <li>a. General</li> <li>b. Aircraft operating information</li> <li>c. Areas, routes, and aerodromes; and</li> <li>d. Training</li> </ul>	
<p>23. Appendix 6</p> <p>Annex 6, Part 1, Appendix 6</p> <p>OpSpecs for each aircraft model</p> <p>3.1 For each aircraft model that identifies:</p> <ul style="list-style-type: none"> <li>a. Make</li> <li>b. Model</li> <li>c. Series</li> <li>d. Issuing authority contact details</li> <li>e. Operator name</li> <li>f. AOC number</li> <li>g. Date of issuance</li> <li>h. Signature of authority</li> <li>i. Types and areas of operation</li> <li>j. Special limitations and authorizations</li> </ul>	